

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Marcus Jacka et al. Confirmation No.: 6836  
Serial No.: 10/518,660  
Filed: December 17, 2004  
Group Art Unit: 2881  
Examiner: David A. Vanore  
Title: Secondary Electron Detector, Especially in a Scanning Electron Microscope  
Attorney Ref. No.: KANIA-05

Cincinnati, Ohio 45202

October 4, 2006

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT UNDER 37 CFR § 1.111**

In response to the Office Action of July 10, 2006, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 7 of this paper.

**Amendments to the Drawings** begin on page 10 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks** begin on page 11 of this paper.

An **Appendix** including amended drawing figures is attached following page 13 of this paper.